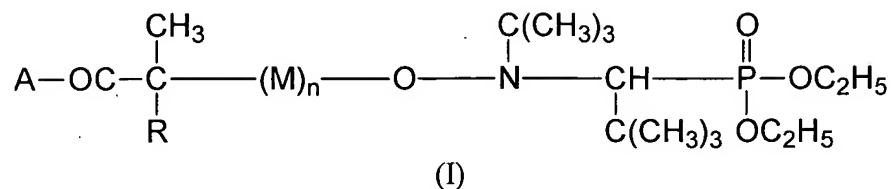


Amendments to the Claims

1. (withdrawn)) An alkoxyamine of formula (I):



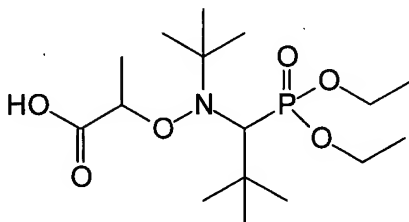
in which A represents a hydroxyl radical; a radical MeO- in which Me represents an alkali metal; an H_4N^+ -, Bu_4N^+ - or Bu_3HN^+ - radical; R represents a hydrogen atom or a methyl radical; M is a free-radical-polymerizable vinyl monomer sequence; n is an integer that may be equal to 0.

- 2 (withdrawn) The alkoxyamine of Claim 1 in which M is styrene, substituted styrenes, dienes, acrylic monomers, methacrylic monomers, acrylonitrile, acrylamide and its derivatives, vinylpyrrolidinone or a mixture of at least two abovementioned monomers.

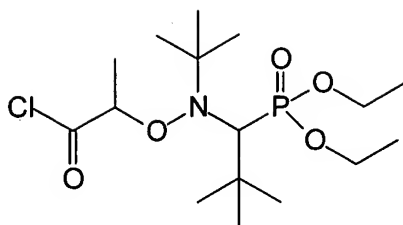
3. (withdrawn) The alkoxyamine of Claim 2 wherein the acrylic monomer is selected from the group consisting of acrylic acid or alkyl acrylates and mixtures thereof; and the methacrylic monomer is selected from the group consisting of methacrylic acid or alkyl methacrylates and mixtures thereof.

4. (withdrawn) The alkoxyamine of Claim 1 wherein said alkali metal ME is selected from the group consisting of Li, Na, K, and mixtures thereof.

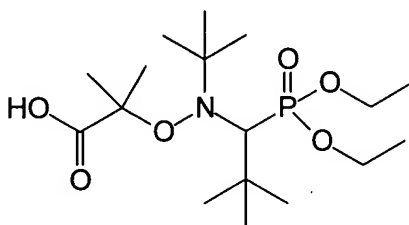
5. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-[N-tert-Butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionic acid :



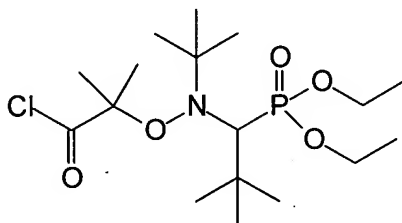
6. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-[N-tert-Butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionyl chloride:



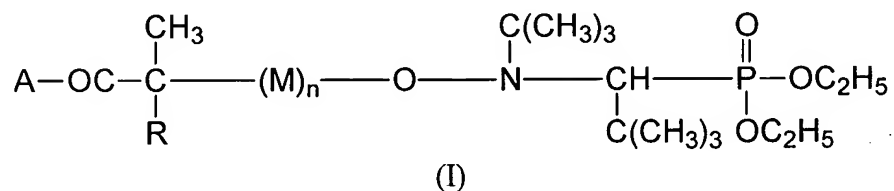
7. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-Methyl-2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionic acid :



8. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-Methyl-2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionyl chloride:

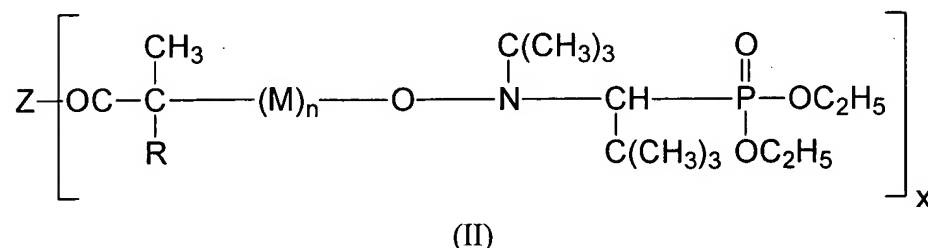


9. (currently amended) A method for preparing a polymerised or non-polymerized mono- or polyalkoxyamine comprising reacting an alkoxyamine of formula (I):



in which A represents a hydroxyl radical, a radical R^1O^\cdot in which R^1 represents a linear or branched alkyl residue containing a number of carbon atoms ranging from 1 to 6; a radical MeO^\cdot in which Me represents an alkali metal; an H_4N^+ -, Bu_4N^+ - or Bu_3HN^+ - radical; a chlorine atom; R represents a hydrogen atom or a methyl radical; M is a free-radical-polymerizable vinyl monomer sequence; n is an integer that may be

equal to 0 or 1; to form a polymerised or nonpolymerized mono- or polyalkoxyamine of the formula (II):



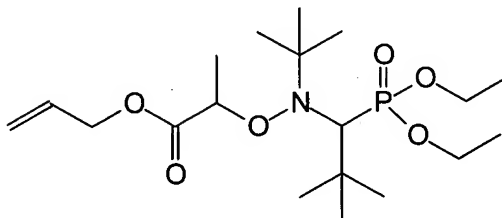
in which R and n have the same meaning as in formula (I); x is an integer at least equal to 1 or 2; Z represents a mono- or polyfunctional structure chosen from ~~the structures given below in a non-limiting manner:~~ $\text{CH}_2=\text{CH}-\text{CH}_2-\text{O}-$, $\text{CH}_2=\text{CH}-\text{CH}_2-\text{NH}-$, $\text{CH}_3-(\text{OCH}_2\text{CH}_2)_p-\text{O}-$, $\text{O}-(\text{CH}_2)_q-\text{O}-$, p and q being integers at least equal to one, ~~or more generally derived from compounds such as~~ alcohols, polyols, amines, polyamines, epoxides, polyepoxides, esters, polyesters, amides, polyamides, imines, polyimines, polycarbonates, polyurethanes ~~and~~ or silicones.

10. (currently amended) The method of Claim 9 wherein said alkali metal ~~ME~~ Me is selected from the group consisting of Li, Na, K, and mixtures thereof.

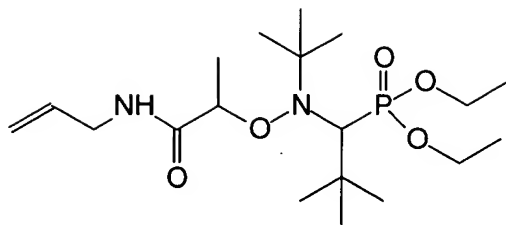
11. (currently amended) The method of claim 9 in which M is styrene, substituted styrenes, dienes, acrylic monomers, methacrylic monomers, acrylonitrile, acrylamide and its derivatives, vinylpyrrolidinone or a mixture of at least two ~~abovementioned~~ above mentioned monomers.

12. (previously presented) The method of Claim 11 wherein the acrylic monomer is selected from the group consisting of acrylic acid or alkyl acrylates and mixtures thereof; and the methacrylic monomer is selected from the group consisting of methacrylic acid or alkyl methacrylates and mixtures thereof.

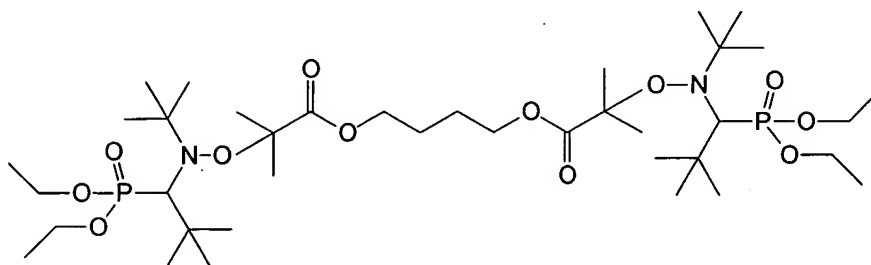
13. (currently amended) The method of Claim 9 wherein said method forms allyl 2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionate:



14. (currently amended) The method of Claim 9 wherein said method forms N-allyl-2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionamide:



15. (currently amended) The method of Claim 9 wherein said method forms a dialkoxyamine of formula:



16. (previously presented) The method of claim 9 wherein said method forms a compound of formula (II) in which $x=1$, $n=0$, $R=CH_3$ and $Z=CH_3(OCH_2CH_2)_pO-$.

17. (new) The method of claim 9 wherein Z is selected from the group consisting of $CH_2=CH-CH_2-O-$, $CH_2=CH-CH_2-NH-$, $CH_3-(OCH_2CH_2)_p-O-$, and $-O-(CH_2)_q-O-$, wherein p and q are independently integers of from 1 to 4.